

INPUT SET: S36724.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: HOSTETTER, MARGARET K.
GALE, CHERYL A.
BENDEL, CATHERINE M.
TAO, NIAN-JUN
KENDRICK, KATHLEEN

(ii) TITLE OF INVENTION: CANDIDA ALBICANS GENE, INTEGRIN-LIKE PROTEIN, ANTIBODIES, AND METHODS OF USE

(iii) NUMBER OF SEQUENCES: 12

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: MUETING, RAASCH, GEBHARDT & SCHWAPPACH, P.A.
(B) STREET: 119 NORTH FOURTH STREET, SUITE 203
(C) CITY: MINNEAPOLIS
(D) STATE: MINNESOTA
(E) COUNTRY: USA
(F) ZIP: 55401

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/978,343
(B) FILING DATE:
(C) CLASSIFICATION:

(vi) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/642,846
(B) FILING DATE: 03-MAY-1996

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: MUETING, ANN M.
(B) REGISTRATION NUMBER: 33,977
(C) REFERENCE/DOCKET NUMBER: 110.00280101

(ix) TELECOMMUNICATION INFORMATION:

055.0
1030

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/978,343DATE: 01/17/2002
TIME: 21:39:40

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47 (A) TELEPHONE: 612-305-1217
48 (B) TELEFAX: 612-305-1228
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51 (2) INFORMATION FOR SEQ ID NO:1:
52

53 (i) SEQUENCE CHARACTERISTICS:
54 (A) LENGTH: 5194 base pairs
55 (B) TYPE: nucleic acid
56 (C) STRANDEDNESS: single
57 (D) TOPOLOGY: linear
58

59 (ii) MOLECULE TYPE: DNA (genomic)
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64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
65

66 CCCAAAAAAG ATAAAATAAA AACAAAACAA AACAAAAGTA CTAACAAATT ATTGAAACTT	60
67 TTAATTTTA ATAAAGAACATC AGTAGATCTA TTGTTAAAAG AAATGAACTC AACTCCAAGT	120
68 AAATTATTAC CGATAGATAAA ACATTCTCAT TTACAATTAC AGCCTCAATC GTCCTCGGCA	180
69 TCAATATTAA ATTCCCCAAC AAAACCATTG AATTTCCCCA GAACAAATTG CAAGCCGAGT	240
70 TTAGATCCAA ATTCAAGCTC TGATACCTAC ACTAGCGAAC AAGATCAAGA GAAAGGGAAA	300
71 GAAGAGAAAA AGGACACAGC CTTTCAAACA TCTTTGATA GAAATTTGA TCTTGATAAT	360
72 TCAATCGATA TACAACAAAC AATTCAACAT CAGCAACAAC AGCCACAACA ACAACAAACAA	420
73 CTCTCACAAA CCGACAATAA TTTAATTGAT GAATTTCTT TTCAAACACC GATGACTTCG	480
74 ACTTTAGACC TAACCAAGCA AAATCCAACAT GTGGACAAAG TGAATGAAAA TCATGCACCA	540
75 ACTTATATAA ATACCTCCCC CAACAAATCA ATAATGAAAA AGGCAACTCC TAAAGCGTCA	600
76 CCTAAAAAAG TTGCATTTAC TGTAACATAAT CCCGAAATTC ATCATTATCC AGATAATAGA	660
77 GTCGAGGAAG AAGATCAAAG TCAACAAAAA GAAGATTCAAG TTGAGCCACC CTTAATACAA	720
78 CATCAATGGA AAGATCCTTC TCAATTCAAT TATTCTGATG AAGATACAAA TGCTTCAGTT	780
79 CCACCAACAC CACCACTTCA TACGACGAAA CCTACTTTG CGCAATTATT GAACAAAAAC	840
80 AACGAAGTCA ATCTGGAACC AGAGGCATTG ACAGATATGA AATTAAAGCG CGAAAATTTC	900
81 AGCAATTAT CATTAGATGA AAAAGTCAAT TTATATCTTA GTCCCACTAA TAATAACAAT	960
82 AGTAAGAATG TGTCAGATAT GGATCTGCAT TTACAAAATC TGCAAGACGC TTGAAAAAC	1020

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100	AAAACTAATG AAAATATTCA CAATTTGTCA TTTGCTTTAA AAGCACCAAA GAATGATATT	1080
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102	GAAAACCCAT TAAACTCATT GACTAACGCA GATATTCTGT TAAGATCATC TGGATCATCA	1140
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104	CAATCGTCAT TACAATCTTT GAGGAATGAC AATCGTGTCT TGGAAATCAGT GCCTGGGTCA	1200
105		
106	CCTAAGAAGG TTAATCCTGG ATTGTCTTG AATGACGGCA TAAAGGGTT CTCTGATGAG	1260
107		
108	GTTGTTGAAT CATTACTTCC TCGTGACTTA TCTCGAGACA AATTAGAGAC TACAAAAGAA	1320
109		
110	CATGATGCAC CAGAACACAA CAATGAGAAT TTTATTGATG CAAATCGAC TAATACCAAT	1380
111		
112	AAGGGACAAC TCTTAGTATC ATCTGATGAT CATTGGACT CTTTGATAG ATCCTATAAC	1440
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114	CACACTGAAC AATCAATTAA GAATCTTTG AATAGTGCAT CACAATCTCA AATTCGTTA	1500
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116	AATGCATTGG AAAAACAAAG GCAAACACAG GAACAAGAAC AAACACAAGC GGCAGAGCCT	1560
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118	GAAGAAGAAA CTTCGTTAG TGATAATATC AAAGTTAAC AAGAGCCAAA GAGCAATTG	1620
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120	GAGTTGTCAGGTTACCAT CAAGAAAGAA CCAGTTCTGG CCACGGAAAT AAAAGCTCCA	1680
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122	AAAAGAGAAT TTTCAAGTCG AATATTAAGA ATAAAAAATG AAGATGAAAT TGCCGAACCA	1740
123		
124	GCTGATATTG ATCCTAAAAA AGAAAATGAA GCAAACAGTC ATGTCGAAGA TACTGATGCA	1800
125		
126	TTGTTGAAGA AAGCACTTAA TGATGATGAG GAATCTGACA CGACCCAAA CTCAACGAAA	1860
127		
128	ATGTCAATTG TTTCATAT TGATAGTGAT TGGAAATTGG AAGACAGTAA TGATGGCGAT	1920
129		
130	AGAGAAGATA ATGATGATAT TTCTCGTTT GAGAAATCAG ATATTTGAA CGACGTATCA	1980
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132	CAGACTTCTG ATATTATTGG TGACAAATAT GGAAACTCAT CAAGTGAAT AACCACCAAA	2040
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134	ACATTAGCAC CCCCAAGATC GGACAACAAT GACAAGGAGA ATTCTAAATC TTTGGAAGAT	2100
135		
136	CCAGCTAATA ATGAATCATT GCAACAAACAA TTGGAGGTAC CGCATAACAA AGAAGATGAT	2160
137		
138	AGCATTTCAG CCAACTCGTC CAATATTGCT CCACCTGAAG AATTGACTTT GCCCGTAGTG	2220
139		
140	GAAGCAAATG ATTATTCATC TTTTAATGAC GTGACCAAA CTTTGATGC ATACTCAAGC	2280
141		
142	TTTGAAGAGT CATTATCTAG AGAGCACGAA ACTGATTCAA AACCAATTAA TTTCATATCA	2340
143		
144	ATTTGGCATA AACAAAGAAAA GCAGAAGAAA CATCAAATTC ATAAAGTTCC AACTAAACAG	2400
145		
146	ATCATTGCTA GTTATCAACA ATACAAAAC GAACAAGAAT CTCGTGTTAC TAGTGATAAA	2460
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148	GTGAAAATCC CAAATGCCAT ACAATTCAAG AAATTCAAAG AGGTAAATGT CATGTCAAGA	2520
149		
150	AGAGTTGTTA GTCCAGACAT GGATGATTTG AATGTATCTC AATTTTACCA AGAATTATCT	2580
151		
152	GAAGACTCTG GATTAAAGA TTTGAATTAA GCCAACTACT CCAATAACAC CAACAGACCA	2640

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153	AGAAGTTTA CTCCATTGAG CACTAAAAT GTCTTGTGCA ATATTGATAA CGATCCTAAT	2700
154	GTTGTTGAAC CTCCTGAACC GAAATCATAT GCTGAAATTA GAAATGCTAG ACGGTTATCA	2760
155	GCTAATAAGG CAGCGCCAAA TCAGGCACCA CCATTGCCAC CACAACGACA ACCATCTCA	2820
156	ACTCGTTCCA ATTCAAATAA ACGAGTGTCC AGATTTAGAG TGCCCACATT TGAAATTAGA	2880
157	AGAACTTCTT CAGCATTAGC ACCTTGTGAC ATGTATAATG ATATTTTGA TGATTTCGGT	2940
158	GCGGGTTCTA AACCAACTAT AAAGGCAGAA GGAATGAAAA CATTGCCAAG TATGGATAAA	3000
159	GATGATGTCA AGAGGATTAA GAATGCAAAG AAAGGTGTGA CTCAAGATGA ATATATAAAT	3060
160	GCCAAACTTG TTGATCAAAA ACCTAAAAAG AATTCAATTG TCACCGATCC CGAAGACCGA	3120
161	TATGAAGAAT TACAACAAAC TGCCCTATA CACAATGCCA CCATTGATTC AAGTATTTAT	3180
162	GGCCGACCAAG ACTCCATTTC TACCGACATG TTGCCTTATC TTAGTGATGA ATTGAAAAAA	3240
163	CCACCTACGG CTTTATTATC TGCTGATCGT TTGTTTATGG ACAAGAAGT ACATCCGTTA	3300
164	AGATCAAACCT GTGTTTGTT TCACCCAGGG GCAGGAGCAG CAACTAATTG TTCAATGTTA	3360
165	CCAGAGCCAG ATTTGAATT AATCAATTCA CCTGCTAGAA ATGTGCTGAA CAACAGTGAT	3420
166	AATGTCGCCA TCAGTGGTAA TGCTAGTACT ATTAGTTTA ACCAATTGGA TATGAATTTT	3480
167	GATGACCAAG CTACAATTGG TCAAAAAATC CAAGAGCAAC CTGCTTCAAA ATCCGCCAAT	3540
168	ACTGTTCGTG GTGATGATGA TGGATTGCC AGTGCACCTG AAACACCAAG AACTCCTACC	3600
169	AAAAAGGAGT CCATATCAAG CAAGCCTGCC AAGCTTCTT CTGCCTCCCC TAGAAAATCA	3660
170	CCAATTAAAG TTGGTTCAACC AGTCGAGTT ATTAAGAAAA ATGGATCAAT TGCTGGCATT	3720
171	GAACCAATCC CAAAAGCCAC TCACAAACCG AAGAAATCAT TCCAAGGAAA CGAGATTCA	3780
172	AACCATAAAAG TACGAGATGG TGGAATTCA CCAAGCTCCG GATCAGAGCA TCAACAGCAT	3840
173	AATCCTAGTA TGGTTCTGT TCCTTCACAG TATACTGATG CTACTTCAC AC GGTTCCAGAT	3900
174	GAAAACAAAG ATGTTCAACA CAAGCCTCGT GAAAAGCAA AGCAAAAGCA TCACCATCGC	3960
175	CATCATCATC ATCATCATAA ACAAAAAACT GATATTCCGG GTGTTGTTGA TGATGAAATT	4020
176	CCTGATGTAG GATTACAAGA ACGAGGCAAA TTATTCTTA GAGTTTAGG AATTAAGAAT	4080
177	ATCAATTAC CCGATATTAA TACTCACAAA GGAAGATTCA CTTAACGTT GGATAATGGA	4140
178	GTGCATTGTG TTACTACACC AGAATACAAC ATGGACGACC ATAATGTTGC CATAGGTAAA	4200
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206	GAATTGAGT TGACAGTTGC TGATTCATTA GAGTTTATTT TAACCTTGAA GGCATCATAT	4260
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208	GAAAAACCTC GTGGTACATT AGTAGAAGTG ACTGAAAAGA AAGTTGTCAA ATCAAGAAAT	4320
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210	AGATTGAGTC GATTATTTGG ATCGAAAGAT ATTATCACCA CGACAAAGTT TGTGCCACT	4380
211		
212	GAAGTCAAAG ATACCTGGGC TAATAAGTTT GCTCCTGATG GTTCATTTGC TAGATGTTAC	4440
213		
214	ATTGATTTAC AACAAATTGA AGACCAAATC ACCGGTAAAG CATCACAGTT TGATCTCAAT	4500
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216	TGTTTTAATG AATGGGAAAC TATGAGTAAT GGCAATCAAC CAATGAAAAG AGGCAAACCT	4560
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218	TATAAGATTG CTCATTGGA AGTTAAAATG TTGTATGTT CACGATCAGA TCCAAGAGAA	4620
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220	ATATTACCAA CCAGCATTAG ATCCGCATAT GAAAGCATTCA ATGAATTAAA CAATGAACAG	4680
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222	AATAATTACT TTGAAGGTAA TTTACATCAA GAAGGAGGTG ATTGTCCAAT TTTTAAGAAA	4740
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224	CGTTTTTCA AATTAATGGG CACTTCTTTA TTGGCTCATA GTGAAATATC TCATAAAACT	4800
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226	AGAGCCAAAA TTAATTATTC AAAAGTTGTT GATTGATTT ATGTTGATAA AGAAAACATT	4860
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228	GATCGTTCCA ATCATCGAAA TTTCAGTGAT GTGTTATTGT TGGATCATGC ATTCAAAATC	4920
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230	AAATTGCTA ATGGTGAGTT GATTGATTT TGTGCTCCTA ATAAACATGA AATGAAAATA	4980
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232	TGGATTCAAA ATTACAAAGA AATTATCTAT AGAAATCGGT TCAGACGTCA ACCATGGGTA	5040
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234	AATTTGATGC TTCAACAAACA ACAACAACAA CAACAACAAC AAAGCTCCC ACAGTAATTG	5100
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236	AAAGGTCTAC TTTGATTTT TTTAATTAA ATTGGCAAAT ATATGCCAT TTTGTATTAT	5160
237		
238	CTTTTAGTCT AATAGCGTTT TCTTTTTTC CAGT	5194
239		

240 (2) INFORMATION FOR SEQ ID NO:2:

241 (i) SEQUENCE CHARACTERISTICS:
 242 (A) LENGTH: 1664 amino acids
 243 (B) TYPE: amino acid
 244 (C) STRANDEDNESS: single
 245 (D) TOPOLOGY: linear

246 (ii) MOLECULE TYPE: protein

247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

248	Met Asn Ser Thr Pro Ser Lys Leu Leu Pro Ile Asp Lys His Ser His			
249	1	5	10	15
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257				
258	Leu Gln Leu Gln Pro Gln Ser Ser Ala Ser Ile Phe Asn Ser Pro			

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SEQUENCE VERIFICATION REPORT
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SEQUENCE MISSING ITEM REPORT
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<< THERE ARE NO ITEMS MISSING >>

PAGE: 1

SEQUENCE CORRECTION REPORT
PATENT APPLICATION US/09/978,343

DATE: 01/17/2002
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